

## CHAPTER 8

### REFERENCES

- Aaron, L., Saadoun, D., Calatroni, I., Launay, O., Mémain, N., Vincent, V., Marchal, G., Dupont, B., Bouchaud, O., Valeyre, D. and Lortholary, O. (2004) 'Tuberculosis in HIV-infected patients: A comprehensive review', *Clinical Microbiology and Infection*, 10(5), pp. 388–398. doi: 10.1111/j.1469-0691.2004.00758.x.
- Abadi, M. S., Madgaonkar, J. and Venkatesan, S. (2008) 'Effect of Yoga on Children with Attention Deficit/Hyperactivity Disorder', *National Academy of Psychology*, 53(2), pp. 154–159.
- Ahmadi, K., Hall, M., Norman, P., Vaughan, R., Snieder, H., Spector, T. and Lanchbury, J. (2001) 'Genetic determinism in the relationship between human CD4+ and CD8+ T lymphocyte populations?', *Genes & Immunity*. Nature Publishing Group, 2(7), pp. 381–387. doi: 10.1038/sj.gene.6363796.
- Al-Dakkak, I., Patel, S., McCann, E., Gadkari, A., Prajapati, G. and Maiese, E. M. (2013) 'The impact of specific HIV treatment-related adverse events on adherence to antiretroviral therapy: A systematic review and meta-analysis', *AIDS Care*. Taylor & Francis Group, 25(4), pp. 400–414. doi: 10.1080/09540121.2012.712667.
- Ampofo, W., Torpey, K., Mukadi, Y. D., Koram, K., Nolan, K., Amenyah, R., Kaitoo, E., Antwi, P., Ofori-Adjei, D. and Lamptey, P. (2006) 'Normal CD4+ T Lymphocyte Levels in HIV Seronegative Individuals in the Manya/Yilo Krobo Communities in the Eastern Region of Ghana', *Viral Immunology*. Mary Ann Liebert, Inc. 2 Madison Avenue Larchmont, NY 10538 USA, 19(2), pp. 260–266. doi: 10.1089/vim.2006.19.260.
- Anita (2010) *Green signal to red ribbon express*, *The India Post*. Available at: <http://www.theindiapost.com/articles/green-signal-to-red-ribbon-express/> (Accessed: 23 July 2018).
- Anwikar, S. R., Bandekar, M. S., Smrati, B., Pazare, A. P., Tatke, P. A. and Kshirsagar, N. A. (2011) 'HAART induced adverse drug reactions: A retrospective analysis at a tertiary referral health care center in India', *International Journal of Risk & Safety in Medicine*, 23(3), pp. 163–169. doi: 10.3233/JRS-2011-0532.
- Aranda-Naranjo, B. (2004) 'Quality of life in the HIV-positive patient: implications and consequences.', *The Journal of the Association of Nurses in AIDS Care: JANAC*, 15(5, Suppl), p. 20S–27S.
- Arora, S. and Bhattacharjee, J. (2008) 'Modulation of immune responses in stress by Yoga.', *International journal of yoga*, 1(2), pp. 45–55. doi: 10.4103/0973-6131.43541.
- Audet, C. M., Ngobeni, S. and Wagner, R. G. (2017) 'Traditional healer treatment of HIV persists in the era of ART: a mixed methods study from rural South Africa', *BMC Complementary and Alternative Medicine*, 17(1), p. 434. doi: 10.1186/s12906-017-1934-6.
- Baum, M. K., Rafie, C., Lai, S., Sales, S., Page, J. B. and Campa, A. (2010) 'Alcohol use accelerates HIV disease progression.', *AIDS research and human retroviruses*. Mary Ann Liebert, Inc., 26(5), pp. 511–8. doi: 10.1089/aid.2009.0211.
- Besedovsky, L., Lange, T. and Haack, M. (2019) 'The Sleep-Immune Crosstalk in Health and Disease', *Physiological Reviews*. American Physiological Society Bethesda, MD, 99(3), pp.

1325–1380. doi: 10.1152/physrev.00010.2018.

Bhargav, H., Huilgol, V., Metri, K., Sundell, I. B., Tripathi, S., Ramagouda, N., Jadhav, M., Raghuram, N., Ramarao, N. H. and Koka, P. S. (2012) 'Evidence for extended age dependent maternal immunity in infected children: mother to child transmission of HIV infection and potential interventions including sulfatides of the human fetal adnexa and complementary or alternative medicines.', *Journal of stem cells*, 7(3), pp. 127–53. doi: jsc.2012.7.3.127.

Bhargav, H., Raghuram, N., Rao, N. H. R., Tekur, P. and Koka, P. S. (2010) 'Potential yoga modules for treatment of hematopoietic inhibition in HIV-1 infection.', *Journal of stem cells*, 5(3), pp. 129–48. doi: jsc.2010.5.3.129.

Bhatti, A. B., Usman, M. and Kandi, V. (2016) 'Current Scenario of HIV/AIDS, Treatment Options, and Major Challenges with Compliance to Antiretroviral Therapy.', *Cureus*. Cureus Inc., 8(3), p. e515. doi: 10.7759/cureus.515.

Bhavanani, A. (2011) 'Yoga as a therapy: A perspective', *Yoga Mimamsa*, 42(4), pp. 235–241.

Bhosikar, S. N. and Patil, A. B. (2019) 'Concept of Madatyay - Ayurved view towards alcoholic intoxication', *World Journal of Pharmaceutical Research*, 7(19), pp. 1453–1460. doi: 10.20959/wjpr201819-13914.

Bhuyan, B. and Mishra, P. K. (2013) 'Effects of yoga on performance in a letter-cancellation task under academic examination stress', *IOSR Journal of Research & Method in Education*, 2(5), pp. 34–37.

Biggar, R. J., Chaturvedi, A., Bhatia, K. and Mbulaiteye, S. (2009) 'Cancer risk in persons with HIV/AIDS in India: A review and future directions for research', *Infectious Agents and Cancer*, 4(4), p. 1:8. doi: 10.1186/1750-9378-4-4.

Bosire, E. M., Nyamache, A. K., Gicheru, M. M., Khamadi, S. A., Lihana, R. W. and Okoth, V. (2013) 'Population specific reference ranges of CD3, CD4 and CD8 lymphocyte subsets among healthy Kenyans.', *AIDS research and therapy*. BioMed Central, 10(1), p. 24. doi: 10.1186/1742-6405-10-24.

Buell, K. G., Chung, C., Chaudhry, Z., Puri, A., Nawab, K. and Ravindran, R. P. (2016) 'Lifelong antiretroviral therapy or HIV cure: The benefits for the individual patient', *AIDS Care*. Taylor & Francis, 28(2), pp. 242–246. doi: 10.1080/09540121.2015.1074653.

Byadgi, P. S. (2011) 'Concept of immunity in Ayurveda', *Journal of Applied Pharmaceutical Science*, 1(5), pp. 21–24.

Byadgi, P. S. (2013) 'Critical appraisal of immunity in ayurveda', *Alternative Integrated Medicine*, 2(10), p. 5162.

Carrieri, P., Spire, B., Duran, S., Katlama, C., Peyramond, D., François, C., Chêne, G., Lang, J., Moatti, J. and Leport, C. (2003) 'Health-Related Quality of Life After 1 Year of Highly Active Antiretroviral Therapy', *Journal of Acquired Immune Deficiency Syndromes*, 32(1), pp. 38–47.

Chandra, R. K. (1999) 'Nutrition and immunology: From the clinic to cellular biology and back again', in *Proceedings of the Nutrition Society*, pp. 681–683. doi: 10.1017/CBO9781107415324.004.

Chandwani, K., Thornton, B., Perkins, G., Arun, B., Raghuram, N., Nagendra, H., Wei, Q. and Cohen, L. (2010) 'Yoga improves quality of life and benefit finding in women undergoing radiotherapy for breast cancer', *J Society of Integrated Oncology*, 8(2), pp. 43–

Chaponda, M., Aldhouse, N., Kroes, M., Wild, L., Robinson, C. and Smith, A. (2018) 'Systematic review of the prevalence of psychiatric illness and sleep disturbance as co-morbidities of HIV infection in the UK', *International Journal of STD & AIDS*. SAGE PublicationsSage UK: London, England, 29(7), pp. 704–713. doi: 10.1177/0956462417750708.

Chaya, M. S., Nagendra, H., Selvam, S., Kurpad, A. and Srinivasan, K. (2012) 'Effect of Yoga on Cognitive Abilities In Schoolchildren from a Socioeconomically Disadvantaged Background: A Randomized Controlled Study', *The Journal of Alternative and Complementary Medicine*, 18(12), pp. 1161–1167. doi: 10.1089/acm.2011.0579.

Christopher, G. and MacDonald, J. (2005) 'The impact of clinical depression on working memory', *Cognitive Neuropsychiatry*. Taylor & Francis Group, 10(5), pp. 379–399. doi: 10.1080/13546800444000128.

Costa, S. L., Genova, H. M., DeLuca, J. and Chiaravalloti, N. D. (2017) 'Information processing speed in multiple sclerosis: Past, present, and future', *Multiple Sclerosis Journal*. SAGE PublicationsSage UK: London, England, 23(6), pp. 772–789. doi: 10.1177/1352458516645869.

Counts, C. D. C., Ruel, T. D., Boivin, M. J., Boal, H. E., Bangirana, P., Charlebois, E., Havlir, D. V., Rosenthal, P. J., Dorsey, G., Achan, J., Akello, C., Kanya, M. R. and Wong, J. K. (2012) 'Neurocognitive and Motor Deficits in HIV-Infected Ugandan Children With High', *Clinical Infectious Diseases*, 54(7), pp. 1001–9. doi: 10.1093/cid/cir1037.

Cramer, H., Ward, L., Saper, R., Fishbein, D., Dobos, G. and Lauche, R. (2015) 'The Safety of Yoga: A Systematic Review and Meta-Analysis of Randomized Controlled Trials', *American Journal of Epidemiology*. Narnia, 182(4), pp. 281–293. doi: 10.1093/aje/kwv071.

Creswell, J. D., Myers, H. F., Cole, S. W. and Irwin, M. R. (2009) 'Mindfulness meditation training effects on CD4+ T lymphocytes in HIV-1 infected adults: A small randomized controlled trial', *Brain Behav Immun*. Academic Press, 23(2), pp. 184–188. doi: 10.1016/j.bbi.2008.07.004.Mindfulness.

Dattaram Pol (2015) *Krida Yoga*. 2015th edn. Vivekananda Kendra Prakashan Trust.

David, P. and Delia, E.-ávila E. A. (2017) 'Yoga practice improves sleep quality of people living with HIV on ART', *Indian Journal of Traditional Knowledge*, 16(6), pp. 105–108.

Debnath, P., Chattopadhyay, J., Mitra, A., Hazra, J., Adhikari, A., Alam, M. and Bandopadhyay, S. (2012) 'Adjunct therapy of Ayurvedic medicine with anti tubercular drugs on the therapeutic management of pulmonary tuberculosis', *Journal of Ayurveda and Integrative Medicine*, 3(3), p. 141. doi: 10.4103/0975-9476.100180.

Delicio, A. M., Lajos, G. J., Amaral, E., Cavichiolli, F., Polydoro, M. and Milanez, H. (2018) 'Adverse effects in children exposed to maternal HIV and antiretroviral therapy during pregnancy in Brazil: a cohort study.', *Reproductive health*. BioMed Central, 15(1), p. 76. doi: 10.1186/s12978-018-0513-8.

Delicio, A. M., Lajos, G. J., Amaral, E., Lopes, F., Cavichiolli, F., Myiوشي, I. and Milanez, H. (2018) 'Adverse effects of antiretroviral therapy in pregnant women infected with HIV in Brazil from 2000 to 2015: a cohort study.', *BMC infectious diseases*. BioMed Central, 18(1), p. 485. doi: 10.1186/s12879-018-3397-x.

Deva, S. (2012) *Etiopathogenesis of Prameha Upadrava W S R To Skin Manifestations in*

*Diabetes Mellitus*. Rajiv Gandhi University of Health Sciences, Bangalore.

Dhir, A. (2008) 'Malignancies in HIV - The Indian scenario', *Current Opinion in Oncology*, 20(5), pp. 517–21.

Duggal, S., Chugh, T. Das and Duggal, A. K. (2012) 'HIV and malnutrition: Effects on immune system', *Clinical and Developmental Immunology*, 2012, pp. 1–8. doi: 10.1155/2012/784740.

Ebnezar, J., Nagarathna, R., Bali, Y. and Nagendra, H. R. (2011) 'Effect of an integrated approach of yoga therapy on quality of life in osteoarthritis of the knee joint: A randomized control study.', *International journal of yoga*. Wolters Kluwer -- Medknow Publications, 4(2), pp. 55–63. doi: 10.4103/0973-6131.85486.

Enwonwu, C. (2006) 'Complex interactions between malnutrition, infection and immunity: relevance to HIV/AIDS infection', *Nigerian Journal of Clinical and Biomedical Research*, 1(1), pp. 6–14. doi: 10.1017/CBO9781107415324.004.

Ezeamama, A. E., Kizza, F. N., Zalwango, S. K., Nkwata, A. K., Zhang, M., Rivera, M. L., Sekandi, J. N., Kakaire, R., Kiwanuka, N. and Whalen, C. C. (2016) 'Perinatal HIV Status and Executive Function During School-Age and Adolescence: A Comparative Study of Long-Term Cognitive Capacity Among Children From a High HIV Prevalence Setting.', *Medicine*. Wolters Kluwer Health, 95(17), p. e3438. doi: 10.1097/MD.0000000000003438.

Falkenberg, R. I., Eising, C. and Peters, M. L. (2018) 'Yoga and immune system functioning: a systematic review of randomized controlled trials', *Journal of Behavioral Medicine*, 41(4), pp. 467–82. doi: 10.1007/s10865-018-9914-y.

Faraut, B., Malmartel, A., Ghosn, J., Duracinsky, M., Leger, D., Grabar, S. and Viard, J.-P. (2018) 'Sleep Disturbance and Total Sleep Time in Persons Living with HIV: A Cross-Sectional Study', *AIDS and Behavior*. Springer US, 22(9), pp. 2877–2887. doi: 10.1007/s10461-018-2179-1.

Ferreira-Vorkapic, C., Feitoza, J. M., Marchioro, M., Simões, J., Kozasa, E. and Telles, S. (2015) 'Are There Benefits from Teaching Yoga at Schools? A Systematic Review of Randomized Control Trials of Yoga-Based Interventions', *Evidence-based Complementary and Alternative Medicine*, 2015(AID:345835). doi: 10.1155/2015/345835.

Field, T. (2011) 'Yoga clinical research review', *Complementary Therapies in Clinical Practice*. Elsevier Ltd, 17(1), pp. 1–8. doi: 10.1016/j.ctcp.2010.09.007.

Field, T. (2016) 'Yoga research review', *Complementary Therapies in Clinical Practice*. Churchill Livingstone, 24, pp. 145–161. doi: 10.1016/J.CTCP.2016.06.005.

Flook, L., Smalley, S. L., Kitil, M. J., Galla, B. M., Kaiser-greenland, S., Locke, J., Ishijima, E. and Kasari, C. (2010) 'Effects of Mindful Awareness Practices on Executive Functions in Elementary School Children', *Journal of Applied School Psychology*, 26, pp. 70–95. doi: 10.1080/15377900903379125.

Gelaw, Y. K., Adugna, B., Tsegaye, A. T., Melaku, T. and Kefale, B. (2018) 'Coping Strategies for Adverse Effects of Antiretroviral Therapy among Adult HIV Patients Attending University of Gondar Referral Hospital, Gondar, Northwest Ethiopia: A Cross-Sectional Study.', *AIDS research and treatment*. Hindawi Limited, 2018, p. 1879198. doi: 10.1155/2018/1879198.

Giofrè, D., Stoppa, E., Ferioli, P., Pezzuti, L. and Cornoldi, C. (2016) 'Forward and backward digit span difficulties in children with specific learning disorder', *Journal of*

*Clinical and Experimental Neuropsychology*. Routledge, 38(4), pp. 478–486. doi: 10.1080/13803395.2015.1125454.

Goldberg, R. E. and Short, S. E. (2016) 'What do we know about children living with HIV-infected or AIDS-ill adults in Sub-Saharan Africa? A systematic review of the literature', *AIDS Care*. Taylor & Francis, 28(sup2), pp. 130–141. doi: 10.1080/09540121.2016.1176684.

Green, E. C., Halperin, D. T., Nantulya, V. and Hogle, J. A. (2006) 'Uganda's HIV Prevention Success: The Role of Sexual Behavior Change and the National Response', *AIDS and Behavior*. Springer US, 10(4), pp. 335–346. doi: 10.1007/s10461-006-9073-y.

Gupta, G. D., Sujatha, N., Dhanik, A. and Rai, N. P. (2010) 'Clinical Evaluation of Shilajatu Rasayana in patients with HIV Infection.', *Ayu*, 31(1), pp. 28–32. doi: 10.4103/0974-8520.68205.

Gupta, M. C. and Dhaked, R. (2016) 'A critical review on Achara Rasayana', 2, pp. 633–635.

Gupta, M., Nanda, S. and Kaushik, J. S. (2013) 'Quality of life in symptomatic HIV infected children', *Indian Pediatrics*, 50(12), pp. 1145–1147. doi: 10.1007/s13312-013-0300-0.

Gura, S. T. (2002) 'Yoga for stress reduction and injury prevention at work.', *Work (Reading, Mass.)*, 19(1), pp. 3–7.

Hamilton, B. E., Martin, J. A., Osterman, M. J., Curtin, S. C. and Mathews, T. J. (2015) *National Vital Statistics Reports Births : Final Data for 2014*, Statistics.

Harichandra and Ramesh, M. N. (2017) 'Pa ca ko as and the Ga apati - Annamaya ko a, and its role in managing health and the immune system with special reference to HIV/AIDS', *International Journal of Research - Granthaalayah*, 5(7), pp. 262–269. doi: <https://doi.org/10.5281/zenodo.836969>.

Hasan, S. S., See, C. K., Choong, C. L. K., Ahmed, S. I., Ahmadi, K. and Anwar, M. (2010) 'Reasons, Perceived Efficacy, and Factors Associated with Complementary and Alternative Medicine Use Among Malaysian Patients with HIV/AIDS', *The Journal of Alternative and Complementary Medicine*, 16(11), pp. 1171–1176. doi: 10.1089/acm.2009.0657.

Hileman, C. O., Eckard, A. R. and McComsey, G. A. (2015) 'Bone loss in HIV: A contemporary review', *Current Opinion in Endocrinology, Diabetes and Obesity*, 22(6), pp. 446–451. doi: 10.1097/MED.0000000000000200.

Holzemer, W. L., Human, S., Arudo, J., Rosa, M. E., Hamilton, M. J., Corless, I., Robinson, L., Nicholas, P. K., Wantland, D. J., Moezzi, S., Willard, S., Kirksey, K., Portillo, C., Sefcik, E., Rivero-Méndez, M. and Maryland, M. (2009) 'Exploring HIV Stigma and Quality of Life for Persons Living With HIV Infection', *Journal of the Association of Nurses in AIDS Care*, 20(3), pp. 161–168. doi: 10.1016/j.jana.2009.02.002.

Homack, S. and Riccio, C. A. (2004) 'A meta-analysis of the sensitivity and specificity of the Stroop Color and Word Test with children', *Archives of Clinical Neuropsychology*. No longer published by Elsevier, 19(6), pp. 725–743. doi: 10.1016/J.AC.N.2003.09.003.

Howard, R. R., Fasano, C. S., Frey, L. and Miller, C. H. (1996) 'Reference intervals of CD3, CD4, CD8, CD4/CD8, and absolute CD4 values in asian and non-asian populations', *Communications in Clinical Cytometry*, 26(3), pp. 231–232. doi: 10.1002/(SICI)1097-0320(19960915)26:3<231::AID-CYTO9>3.0.CO;2-H.

Hussain, T., Kulshreshtha, K. K., Yadav, V. S. and Katoch, K. (2015) 'Cd4+, Cd8+, Cd3+ Cell Counts and Cd4+/cd8+ Ratio among Patients with Mycobacterial Diseases (leprosy, Tuberculosis), Hiv Infections, and Normal Healthy Adults: A Comparative Analysis of

Studies in Different Regions of India', *Journal of Immunoassay and Immunochemistry*, 36(4), pp. 420–443. doi: 10.1080/15321819.2014.978082.

Ingersoll, K. (2004) 'The impact of psychiatric symptoms, drug use, and medication regimen on non-adherence to HIV treatment', *AIDS Care*, 16(2), pp. 199–211. doi: 10.1080/09540120410001641048.

Ironson, G., Kremer, H. and Lucette, A. (2016) 'Relationship Between Spiritual Coping and Survival in Patients with HIV.', *Journal of general internal medicine*. Springer, 31(9), pp. 1068–76. doi: 10.1007/s11606-016-3668-4.

Jagannathan, A., Raghuram, N. and Talwadkar, S. (2014) 'Effect of trataka on cognitive functions in the elderly', *International Journal of Yoga*, 7(2), p. 96. doi: 10.4103/0973-6131.133872.

Jain, M. K. (2007) 'Drug-Induced Liver Injury Associated with HIV Medications', *Clinics in Liver Disease*. Elsevier, 11(3), pp. 615–639. doi: 10.1016/J.CLD.2007.06.008.

Jam, S., Imani, A. H., Foroughi, M. and Seyedalinaghi, S. (2009) 'The Effects of Mindfulness-Based Stress Reduction (MBSR) Program in Iranian HIV/AIDS Patients: A Pilot Study', *Acta Medica Iranica*, 48(2), pp. 101–106.

Joore, I. K., Arts, D. L., Kruijer, M. J. P., Van Charante, E. P. M., Geerlings, S. E., Prins, J. M. and Van Bergen, J. E. A. M. (2015) 'HIV indicator condition-guided testing to reduce the number of undiagnosed patients and prevent late presentation in a high-prevalence area: A case-control study in primary care', *Sexually Transmitted Infections*, 91(7), pp. 467–472. doi: 10.1136/sextrans-2015-052073.

Kalichman, S. C., Simbayi, L. C., Kaufman, M., Cain, D. and Jooste, S. (2007) 'Alcohol Use and Sexual Risks for HIV/AIDS in Sub-Saharan Africa: Systematic Review of Empirical Findings', *Prevention Science*. Kluwer Academic Publishers-Plenum Publishers, 8(2), pp. 141–151. doi: 10.1007/s11121-006-0061-2.

Kalra, S., Kalra, B., Agrawal, N. and Unnikrishnan, A. (2011) 'Understanding diabetes in patients with HIV/AIDS', *Diabetology & Metabolic Syndrome*. BioMed Central Ltd, 3(1), p. 2. doi: 10.1186/1758-5996-3-2.

Kamradt, J. M. (2017) 'Integrating yoga into psychotherapy: The ethics of moving from the mind to the mat.', *Complementary therapies in clinical practice*. NIH Public Access, 27, pp. 27–30. doi: 10.1016/j.ctcp.2017.01.003.

Kavitha, M., Singh, M., Rai, I. C., Singh, R., Shasamal, A. K. and Prusty, S. (2014) 'Concept of Pachaka Pitta in Pandu Roga and Its Management By Navayasa Choorna', *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(3), pp. 1263–1272.

Klein, S. L. and Flanagan, K. L. (2016) 'Sex differences in immune responses', *Nature Reviews Immunology*, 16(10), pp. 626–638. doi: 10.1038/nri.2016.90.

Koar, W. H. (1995) 'Meditation, T-cells, anxiety, depression and HIV infection', *Subtle Energies & Energy Medicine Journal Archives*, 6(1), pp. 89–97.

Kovacs, M. (2012) 'Children's Depression Inventory 2nd Edition (CDI 2) Technical Manual'. Multi-Health Systems Inc.

Kumar, A., Girish, H., Nawaz, A., Balu, P. and Kumar, B. (2014) 'Determinants of quality of life among people living with HIV/AIDS: A cross sectional study in central Karnataka, India', *International Journal of Medical Science and Public Health*, 3(11), p. 1413. doi: 10.5455/ijmsph.2014.230820142.

- Kumar, A., Takada, Y., Boriek, A. M. and Aggarwal, B. B. (2004) 'Nuclear factor-kappaB: its role in health and disease.', *Journal of molecular medicine (Berlin, Germany)*, 82(7), pp. 434–448. doi: 10.1007/s00109-004-0555-y.
- Kumar, V. and Kumar, M. (2017) 'A study of integrated approach of yoga', *International Journal of Yogic, Human Movement and Sports Sciences*, 2(2), pp. 257–258.
- Lee, G. M. (2006) 'Quality of Life for Children and Adolescents: Impact of HIV Infection and Antiretroviral Treatment', *PEDIATRICS*, 117(2), pp. 273–283. doi: 10.1542/peds.2005-0323.
- Leserman, J. (2008) 'Role of Depression, Stress, and Trauma in HIV Disease Progression', *Psychosomatic Medicine*, (70), pp. 539–545. doi: 10.1097/PSY.0b013e3181777a5f.
- Lim, S.-A. and Cheong, K.-J. (2015) 'Regular Yoga Practice Improves Antioxidant Status, Immune Function, and Stress Hormone Releases in Young Healthy People: A Randomized, Double-Blind, Controlled Pilot Study', *The Journal of Alternative and Complementary Medicine*, 21(9), pp. 530–538. doi: 10.1089/acm.2014.0044.
- Littlewood, R. A. and Vanable, P. A. (2008) 'Complementary and Alternative Medicine Use Among HIV+ People: Research Synthesis and Implications for HIV Care', *AIDS Care*, 20(8), pp. 1002–18. doi: 10.1080/09540120701767216.
- Littlewood, R. and Vanable, P. (2011) 'A global perspective on complementary and alternative medicine use among people living with HIV/AIDS', *Curr HIV/AIDS Rep*, 8(4), pp. 257–68. doi: 10.1007/s11904-011-0090-8.
- Lu, W., Mehraj, V., Vyboh, K., Cao, W., Li, T. and Routy, J.-P. (2015) 'CD4:CD8 ratio as a frontier marker for clinical outcome, immune dysfunction and viral reservoir size in virologically suppressed HIV-positive patients.', *Journal of the International AIDS Society*. Wiley-Blackwell, 18(1), p. 20052. doi: 10.7448/IAS.18.1.20052.
- Mahesh, A. (2010) *A photo of the day - 4.15.10*, *The Spokesman-Review*. Available at: <http://www.spokesman.com/blogs/hbo/2010/apr/15/aphoto-tax-day-41510/> (Accessed: 3 April 2019).
- Mair, C., Hawes, S. E., Agne, H. D., Sow, P. S., N'doye, I., Manhart, L. E., Fu, P. L., Gottlieb, G. S. and Kiviat, N. B. (2008) 'Factors associated with CD4 lymphocyte counts in HIV-negative Senegalese individuals.', *Clinical and experimental immunology*. Wiley-Blackwell, 151(3), pp. 432–40. doi: 10.1111/j.1365-2249.2007.03573.x.
- Makgoko, D. (2018) *Acute myeloid and leukaemia and human immunodeficiency virus infection at Chris Hani Baragwanath Academic*. University of the Witwatersrand, Johannesburg.
- Makubi, A. N., Mugusi, F., Magesa, P. M. and Roberts, D. (2012) 'Risk factors for anaemia among HIV infected children attending care and treatment clinic at Muhimbili National Hospital in Dar es Salaam , Tanzania', *Tanzania Journal of Health Research*, 14(1), pp. 1–9. doi: dx.doi.org/10.4314/thrb.v14i1.11.
- Malaspina, L., Woods, S. P., Moore, D. J., Depp, C., Letendre, S. L., Jeste, D. and Grant, I. (2011) 'Successful cognitive aging in persons living with HIV infection', *J Neurovirol*. Springer, 17(1), pp. 110–119. doi: 10.1007/s13365-010-0008-z.
- Manjunath, N. K. and Telles, S. (2001) 'Improved Performance Test Following Yoga in the Tower of London', *Indian Journal of Physiol Pharmacol*, 45(3), pp. 351–354.
- Margolis, A. M., Heverling, H., Pham, P. A. and Stolbach, A. (2014) 'A Review of the

- Toxicity of HIV Medications', *Journal of Medical Toxicology*. Springer US, 10(1), pp. 26–39. doi: 10.1007/s13181-013-0325-8.
- Masiello, A., De Guglielmo, C., Giglio, S. and Acone, N. (2014) 'Beyond depression: assessing personality disorders, alexithymia and socio-emotional alienation in patients with HIV infection', *InfezMed*, 22(3), pp. 193–199.
- Mathipa, E., Margaret, K. and Maile, S. (2014) 'Factors Contributing to the Rising HIV/AIDS Infection Rate among Soshanguve School Girls in the FET Band', *J Hum Ecol*, 45(1), pp. 49–59.
- Mawar, N., Katendra, T., Bagul, R., Bembalkar, S., Vedamurthachar, A., Tripathy, S., Srinivas, K., Mandar, K., Kumar, N., Gupte, N. and Paranjape, R. S. (2015) 'Sudarshan Kriya yoga improves quality of life in healthy people living with HIV (PLHIV): results from an open label randomized clinical trial.', *The Indian journal of medical research*. Wolters Kluwer -- Medknow Publications, 141(1), pp. 90–9.
- Mayer, A. (2014) *Yoga for Skin Diseases*. Mysore. Available at: <https://yogaindea.wordpress.com/2014/01/14/yoga-for-skin-diseases/> (Accessed: 10 July 2018).
- Menon, J. and Glazebrook, C. (2013) 'Randomized control trial to evaluate yoga-based peer support group for human immunodeficiency virus (HIV) positive Zambian adolescents', *Journal of AIDS and HIV Research*, 5(1), pp. 12–19.
- Mills, E. J., Kanters, S. and Ford, N. (2017) 'The comparative effectiveness of antiretroviral therapies for HIV: evidence to inform precision public health', *Journal of Comparative Effectiveness Research*. Future Medicine Ltd London, UK, 6(2), pp. 85–87. doi: 10.2217/cer-2016-0093.
- Moir, S. and Fauci, A. S. (2014) 'B-cell exhaustion in HIV infection', *Current Opinion in HIV and AIDS*, 9(5), pp. 472–477. doi: 10.1097/COH.0000000000000092.
- Molina, M. E., Medelej, J. A., Zucchi, J. and Manassero, C. (2017) 'Initiatives to Improve the Quality of Life of HIV Positive Diagnosed Subjects: A Review of Diagnosis, Prognosis and Therapeutics under the Light of Science and Ethics', *American Journal of Immunology*, 13(3), pp. 173–179. doi: 10.3844/ajisp.2017.173.179.
- Montagnier, L. (2009) *Nobel Laureate Montagnier: HIV Can Be Cleared Naturally - House of Numbers, Question Everything*. Available at: <https://www.youtube.com/watch?v=4fIS6h3QCu4> (Accessed: 18 July 2017).
- Montagnier, L. (2011) *Prof. Luc Montagnier's Extended House of Numbers Interview, House of Numbers*. Available at: <https://www.youtube.com/watch?v=PyPq-waF-h4> (Accessed: 18 July 2017).
- Morgan, N., Irwin, M. R., Chung, M. and Wang, C. (2014) 'The effects of mind-body therapies on the immune system: meta-analysis.', *PloS one*. Public Library of Science, 9(7), p. e100903. doi: 10.1371/journal.pone.0100903.
- Morley, J. E. (2007) 'Protein-energy malnutrition definition', in *The Merck Manual of Diagnosis and Therapy*. Merck & Co., USA, p. 2007.
- Muktibodhananda, S. (2003) *Hatha Yoga Pradipika*. Yoga Publications Trust, Munger, Bihar, India.
- Murphy, C. S. and McKay, G. A. (2013) 'HIV and diabetes', *Diabetes Management*, 3(6), pp. 495–503.

- Murthy, P. H. C. (2015a) 'Sushruta Samhita', in 14:10. Chaukamba Sanskrit Series Office, Varanasi.
- Murthy, P. H. C. (2015b) 'Sushruta Samhita', in 15:22. Chaukamba Sanskrit Series Office, Varanasi.
- NACO (2014) *NACO Annual Report 2013-14*.
- NACO (2018) *National Aids Control Organization (NACO)*. New Delhi.
- NACO\_ &\_ICMR (2017) *India HIV Estimations - 2017 - Technical Report*. NACO.
- Nagarathna, R. . and Nagendra, H. R. (2011) *Yoga for Promotion of Positive Health*. Second. Banglore: Swami Vivekananda Yoga Prakashana.
- Nansseu, J. R. N. and Bigna, J. J. R. (2017) 'Antiretroviral therapy related adverse effects: Can sub-Saharan Africa cope with the new "test and treat" policy of the World Health Organization?', *Infectious Diseases of Poverty*. BioMed Central, 6(1), p. 24. doi: 10.1186/s40249-017-0240-3.
- Naoroibam, R., Metri, K., Bhargav, H., Nagaratna, R. and Nagendra, H. (2016) 'Effect of Integrated Yoga (IY) on psychological states and CD4 counts of HIV-1 infected Patients: A Randomized controlled pilot study', *International Journal of Yoga*, 9(1), p. 57. doi: 10.4103/0973-6131.171723.
- Nayyar, A., Ruparani, B., Reddy, Ds., Chalapathi, K., Md, S. and Ratnam, M. (2018) 'CD4 cell counts and oral manifestations in HIV infected and AIDS patients', *Journal of Oral and Maxillofacial Pathology*. Medknow Publications and Media Pvt. Ltd., 22(2), p. 282. doi: 10.4103/jomfp.jomfp\_191\_17.
- Nerad, J., Romeyn, M., Silverman, E., Allen-Reid, J., Dieterich, D., Merchant, J., A Pelletier, V., Tinnerello, D. and Fenton, M. (2003) 'General nutrition management in patients infected with human immunodeficiency virus', *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*, 36(Suppl 2), pp. S52–S62. doi: 10.1086/367559.
- Neuroscience, B., Marciniak, R., Sheardova, K., Cermáková, P., Hude, D., Šumec, R. and Hort, J. (2014) 'Effect of meditation on cognitive functions in context of aging and neurodegenerative diseases', 8(January), pp. 1–9. doi: 10.3389/fnbeh.2014.00017.
- NIAAA (2010) 'Alcohol and HIV/AIDS: Intertwining Stories', *Alcohol Research & Health*, 33(3), pp. 1–5.
- Nicholas Wong, Miles Levy, Ms. and Iain Stephenson (2017) 'Hypogonadism in the HIV-Infected Man', *Current Treatment Options in Infectious Diseases*. Current Treatment Options in Infectious Diseases, (9), pp. 104–116. doi: 10.1007/s40506-017-0110-3.
- Nichols, S. L., Chernoff, M. C., Malee, K., Sirois, P. A., Williams, P. L., Figueroa, V., Woods, S. P. and Memory and Executive Functioning Substudy of the Pediatric HIV/AIDS Cohort Study, for the M. S. of the P. H. C. (2016) 'Learning and Memory in Children and Adolescents With Perinatal HIV Infection and Perinatal HIV Exposure.', *The Pediatric infectious disease journal*. NIH Public Access, 35(6), pp. 649–54. doi: 10.1097/INF.0000000000001131.
- Nirmal, B., Divya, K., Dorairaj, V. and Venkateswaran, K. (2008) 'Quality of life in HIV/AIDS patients: A cross-sectional study in south India', *Indian Journal of Sexually Transmitted Diseases and AIDS*, 29(1), p. 15. doi: 10.4103/0253-7184.42708.
- Pande, A., Bhattacharyya, M., Pain, S., Ghosh, B., Saha, S., Ghosh, A. and Banerjee, A. (2011) 'Anemia in Antiretroviral Naïve HIV / AIDS Patients : A Study from Eastern India',

*Online Journal of Health and Allied Sciences*, 10(4), pp. 1–5.

Patil, N. J., Nagaratna, R., Tekur, P., Manohar, P. V., Bhargav, H. and Patil, D. (2018) 'A Randomized Trial Comparing Effect of Yoga and Exercises on Quality of Life in among nursing population with Chronic Low Back Pain.', *International journal of yoga*. Wolters Kluwer -- Medknow Publications, 11(3), pp. 208–214. doi: 10.4103/ijoy.IJOY\_2\_18.

Pennap, G. and Abubakar, K. (2015) 'Prevalence of Anemia among Human Immunodeficiency Virus Infected Patients Accessing Healthcare in Federal Medical Center Keffi, Nigeria', *International Journal of TROPICAL DISEASE & Health*, 10(3), pp. 1–7. doi: 10.9734/IJTDH/2015/19657.

Peter, H. (1992) 'The role of drugs in the origin of AIDS', *Biomed & Pharmacother*, 46(1), pp. 3–15. doi: [https://doi.org/10.1016/0753-3322\(92\)90063-D](https://doi.org/10.1016/0753-3322(92)90063-D).

Pradhan, B. and Ramarao, N. H. R. (2008) 'Normative data for the letter-cancellation task in school children', *International Journal of Yoga*, 1(2), pp. 72–75.

Punt, Stanford, Jones and Owen (2019) *Kuby Immunology*. Eighth. New York: W H Freeman, Macmillan Learning.

Purohit, S. P. and Pradhan, B. (2017) 'Effect of yoga program on executive functions of adolescents dwelling in an orphan home: A randomized controlled study', *Journal of Traditional and Complementary Medicine*. Elsevier, 7(1), pp. 99–105. doi: 10.1016/J.JTCME.2016.03.001.

Puthanakit, T., Aurbibul, L. and Louthrenoo, O. (2010) 'Poor Cognitive Functioning of School-Aged Children in Thailand with Perinatally Acquired HIV Infection', *AIDS patient care and STDs*, 24(3), pp. 1–6. doi: 10.1089=apc.2009.0314.

Quatremère, G., Guiguet, M., Girardi, P., Liaud, M.-N., Mey, C., Benkhoucha, C., Barbier, F., Cattaneo, G., Simon, A. and Rojas Castro, D. (2017) 'How are women living with HIV in France coping with their perceived side effects of antiretroviral therapy? Results from the EVE study', *PLOS ONE*. Edited by V. D. Lima. Public Library of Science, 12(3), p. e0173338. doi: 10.1371/journal.pone.0173338.

Rakhshani, A. (2014) 'Yoga and the Quality of Life', in *Encyclopedia of Quality of Life and Well-Being Research*. Dordrecht: Springer Netherlands, pp. 7281–7286. doi: 10.1007/978-94-007-0753-5\_3818.

Rakhshani, A., Maharana, S., Raghuram, N., Nagendra, H. R. and Venkatram, P. (2010) 'Effects of integrated yoga on quality of life and interpersonal relationship of pregnant women', *Quality of Life Research*. Springer Netherlands, 19(10), pp. 1447–1455. doi: 10.1007/s11136-010-9709-2.

Ramirez-Garcia, M. P., Gagnon, M.-P., Colson, S., Côté, J., Flores-Aranda, J. and Dupont, M. (2019) 'Mind-body practices for people living with HIV: a systematic scoping review', *BMC Complementary and Alternative Medicine*. BioMed Central, 19(1), p. 125. doi: 10.1186/s12906-019-2502-z.

Ranade, A. and Acharya, R. (2015) 'Concept of oja vis-a-vis endoplasmic reticular function: An approach to decode the holistic view', *Indian Journal of Health Sciences*, 8(2), p. 109. doi: 10.4103/2349-5006.174238.

Rao, R. M., Vadiraja, H. S., Nagaratna, R., Gopinath, K. S., Patil, S., Diwakar, R. B., Shahsidhara, H. P., Ajaikumar, B. S. and Nagendra, H. R. (2017) 'Effect of Yoga on Sleep Quality and Neuroendocrine Immune Response in Metastatic Breast Cancer Patients.', *Indian*

*journal of palliative care*. Wolters Kluwer -- Medknow Publications, 23(3), pp. 253–260. doi: 10.4103/IJPC.IJPC\_102\_17.

Reddy, G. K. and Kumari, S. (2015) ‘Effect of short term yoga practices on cognitive function and attitude towards violence in school children - A randomized control study’, *Voice of Research*, 3(4), pp. 14–16.

Reis, R. K., Haas, V. J., Santos, C. B. dos, Teles, S. A., Galvão, M. T. G. and Gir, E. (2011) ‘Symptoms of depression and quality of life of people living with HIV/AIDS’, *Revista Latino-Americana de Enfermagem*. Escola de Enfermagem de Ribeirão Preto / Universidade de São Paulo, 19(4), pp. 874–881. doi: 10.1590/S0104-11692011000400004.

Renju, J., Moshabela, M., McLean, E., Ddaaki, W., Skovdal, M., Odongo, F., Bukenya, D., Wamoyi, J., Bonnington, O., Seeley, J., Zaba, B. and Wringe, A. (2017) “‘Side effects’ are ‘central effects’ that challenge retention in HIV treatment programmes in six sub-Saharan African countries: a multicountry qualitative study.’, *Sexually transmitted infections*. BMJ Publishing Group Ltd, 93(Suppl 3). doi: 10.1136/sextrans-2016-052971.

Rochira, V. (2014) ‘Hypogonadism in the HIV-Infected Man’, *Endocrinol Metab Clin N Am*, 43, pp. 709–730. doi: <http://dx.doi.org/10.1016/j.ecl.2014.06.005>.

Rochira, V., Diazzi, C., Santi, D., Brigante, G., Ansaloni, A., Decaroli, M. C., De Vincentis, S., Stentarelli, C., Zona, S. and Guaraldi, G. (2015) ‘Low testosterone is associated with poor health status in men with human immunodeficiency virus infection: A retrospective study’, *Andrology*, 3(2), pp. 298–308. doi: 10.1111/andr.310.

Rueckert, L. and Grafman, J. (1996) ‘Sustained attention deficits in patients with right frontal lesions.’, *Neuropsychologia*, 34(10), pp. 953–63.

Saini, N., Pal, P. K. and Byadgi, P. S. (2016) ‘Understanding of immunity loss in relation to prameha (Madhumeha)’, *Indian Journal of Agriculture and Allied Sciences*, 2(1), pp. 91–94.

Samhkaniyan, E., Mahdavi, A., Mohamadpour, S. and Rahmani, S. (2015) ‘The effectiveness of mindfulness-based cognitive therapy on quality of life and loneliness of women with HIV.’, *Journal of medicine and life*. Carol Davila - University Press, 8(Spec Iss 4), pp. 107–113.

dos Santos, I. K., de Azevedo, K. P. M., Silveira, A. P. K. F., Leitão, J. C., Bento, T., da S. Dantas, P. M., de Medeiros, H. J. and Knackfuss, M. I. (2017) ‘Physical activity and sleep of persons living with HIV/AIDS: A systematic review’, *Revista Andaluza de Medicina del Deporte*. No longer published by Elsevier, 10(1), pp. 19–24. doi: 10.1016/J.RAMD.2016.08.001.

Satish, L. and Lakshmi, Vs. (2016) ‘Impact of individualized yoga therapy on perceived quality of life performance on cognitive tasks and depression among Type II diabetic patients’, *International Journal of Yoga*. Medknow Publications and Media Pvt. Ltd., 9(2), p. 130. doi: 10.4103/0973-6131.183707.

Scanlan, J. M., Vitaliano, P. P., Ochs, H., Savage, M. V. and Borson, S. (1998) ‘CD4 and CD8 counts are associated with interactions of gender and psychosocial stress’, *Psychosomatic Medicine*, 60(5), pp. 644–653. doi: 10.1097/00006842-199809000-00023.

Scott, N. W., McPherson, G. C., Ramsay, C. R. and Campbell, M. K. (2002) ‘The method of minimization for allocation to clinical trials: a review’, *Controlled Clinical Trials*. Elsevier, 23(6), pp. 662–674. doi: 10.1016/S0197-2456(02)00242-8.

Serrano-Villar, S. and Deeks, S. G. (2015) ‘CD4/CD8 ratio: an emerging biomarker for HIV’,

*The Lancet HIV*. Elsevier, 2(3), pp. e76–e77. doi: 10.1016/S2352-3018(15)00018-1.

Serrano-Villar, S., Sainz, T., Lee, S. A., Hunt, P. W., Sinclair, E., Shacklett, B. L., Ferre, A. L., Hayes, T. L., Somsouk, M., Hsue, P. Y., Van Natta, M. L., Meinert, C. L., Lederman, M. M., Hatano, H., Jain, V., Huang, Y., Hecht, F. M., Martin, J. N., McCune, J. M., Moreno, S. and Deeks, S. G. (2014) 'HIV-infected individuals with low CD4/CD8 ratio despite effective antiretroviral therapy exhibit altered T cell subsets, heightened CD8+ T cell activation, and increased risk of non-AIDS morbidity and mortality.', *PLoS pathogens*. Public Library of Science, 10(5), p. e1004078. doi: 10.1371/journal.ppat.1004078.

SeyedAlinaghi, S., Jam, S., Foroughi, M., Imani, A., Mohraz, M., Djavid, G. E. and Black, D. S. (2012) 'Randomized controlled trial of mindfulness-based stress reduction delivered to human immunodeficiency virus-positive patients in Iran: effects on CD4<sup>+</sup> T lymphocyte count and medical and psychological symptoms.', *Psychosomatic medicine*. NIH Public Access, 74(6), pp. 620–7. doi: 10.1097/PSY.0b013e31825abfaa.

Shailendra, K. and Byadgi, P. S. (2011) 'Critical Appraisal of Madhumeha (Diabetes Milletus)', *International Journal of Research in Ayurveda & Pharmacy*, 2(3), pp. 687–693.

Shankalala, P., Jacobs, C., Bosomprah, S., Vinikoor, M., Katayamoyo, P. and Michelo, C. (2017) 'Risk factors for impaired fasting glucose or diabetes among HIV infected patients on ART in the Copperbelt Province of Zambia', *Journal of Diabetes and Metabolic Disorders*. *Journal of Diabetes & Metabolic Disorders*, 16(1), pp. 1–8. doi: 10.1186/s40200-017-0310-x.

Sharma, A. (2004) 'Sushruta Samhita: Sutrastaana', in 15-24. Chaukamba Surbharati Prakashan, Varanasi.

Sharma, B. D. and Sharma, D. N. (2016) 'A conceptual study regarding immunity in Ayurveda', *International Journal of Ayurveda and Pharma Research*, 4(1), pp. 57–61. doi: 10.4103/0973-7847.against.

Sharma, P. (2014) 'Sutrasthana 73-77', in *Charaka Samhita*. Varanasi: Chaukamba Orientalia. doi: 10.1145/2505515.2507827.

Sharma, R. K. and Dash, B. (2017a) *Charaka Samhita*. Varnasi: Chaukamba Sanskrit Series Office.

Sharma, R. K. and Dash, B. (2017b) *Charaka Samhita*. Varanasi: Chaukamba Sanskrit Series Office.

Sharon, N. L., Grace, M., John, F. J., A, S. P., Kathleen, M., Betsy, K., Garvie, P. A. and Naar-King, S. (2012) 'Cognitive, Academic and Behavioral Correlates of Medication Adherence in Children and Adolescents with Perinatally Acquired HIV Infection', *Journal of Developmental & Behavioral Pediatrics*, 33(4), pp. 298–308. doi: 10.1097/DBP.0b013e31824bef47.Cognitive.

Shilwant, A. A. (2016) 'Immunology: An Ayurvedic Aspect with reference to Oja and Vyadhikshamatva', *International Journal of Ayurvedic Pharmaceutical Chemistry*, 5(1), pp. 53–64.

Siegel, L. (1986) 'AIDS: Relationship to alcohol and other drugs', *Journal of Substance Abuse Treatment*, 3(4), pp. 271–274. doi: 10.1016/0740-5472(86)90039-5.

Simon, A. K., Hollander, G. A. and Michael, A. (2015) 'Evolution of the immune system in humans from infancy to old age', *Proceedings of Royal Society B*, 282, p. 20143085. doi: 10.1098/rspb.2014.3085.

Singh, R. H. (2015) 'Foundations of Immunology in Ayurvedic classics', *Indian Journal of*

*History of Science*, 50(1), pp. 83–94. doi: 10.16943/ijhs/2015/v50i1/48113.

Smith, C., Sabin, C. a, Lundgren, J. D., Thiebaut, R., Weber, R., Law, M., Monforte, A. d'Arminio, Kirk, O., Friis-Moller, N., Phillips, A., Reiss, P., El Sadr, W., Pradier, C. and Worm, S. W. (2010) 'Factors associated with specific causes of death amongst HIV-positive individuals in the D:A:D Study.', *AIDS (London, England)*, 24(10), pp. 1537–48. doi: 10.1097/QAD.0b013e32833a0918.

Stolbach, A., Paziana, K., Heverling, H. and Pham, P. (2015) 'A Review of the Toxicity of HIV Medications II: Interactions with Drugs and Complementary and Alternative Medicine Products', *Journal of Medical Toxicology*. Springer US, 11(3), pp. 326–341. doi: 10.1007/s13181-015-0465-0.

Swati, S. and Agarwal, P. (2015) 'Diabetes Mellitus: An Ayurvedic View', *Journal of Scientific and Innovative Research JSIR*, 4(44), pp. 193–196.

Tadesse, W. T., Mekonnen, A. B., Tesfaye, W. H. and Tadesse, Y. T. (2014) 'Self-reported adverse drug reactions and their influence on highly active antiretroviral therapy in HIV infected patients: a cross sectional study', *BMC Pharmacology and Toxicology*. BioMed Central, 15(1), p. 32. doi: 10.1186/2050-6511-15-32.

Taves, D. R. (1974) 'Minimization: A new method of assigning patients to treatment and control groups', *Clinical Pharmacology & Therapeutics*. John Wiley & Sons, Ltd, 15(5), pp. 443–453. doi: 10.1002/cpt1974155443.

Tayal, V., Gupta, U., Nagpal, M. and Kumar, S. (2010) 'Adverse drug reactions to antiretroviral therapy in aids patients at a tertiary care hospital in India: A prospective observational study', *Indian Journal of Medical Sciences*, 64(6), p. 245. doi: 10.4103/0019-5359.99597.

Tekur, P., Chametcha, S., Hongasandra, R. N. and Raghuram, N. (2010) 'Effect of yoga on quality of life of CLBP patients: A randomized control study.', *International journal of yoga*. Wolters Kluwer -- Medknow Publications, 3(1), pp. 10–7. doi: 10.4103/0973-6131.66773.

Telles, S., Singh, N., Bhardwaj, A., Kumar, A. and Balkrishna, A. (2013) 'Effect of yoga or physical exercise on physical, cognitive and emotional measures in children: a randomized controlled trial', *Child and Adolescent Psychiatry and Mental Health*. Child and Adolescent Psychiatry and Mental Health, 7(1), p. 37. doi: 10.1186/1753-2000-7-37.

Tripathi Bramhanand (2004) 'Sutra stana', in *Charaka Samhita*. Varanasi: Chaukhamba Surbharti Prakashan, p. Sutrastaana-17.

Tymchuk, S., Gomez, D., Koenig, N., Gill, M. J., Fujiwara, E. and Power, C. (2018) 'Associations between Depressive Symptomatology and Neurocognitive Impairment in HIV/AIDS', *The Canadian Journal of Psychiatry*. SAGE PublicationsSage CA: Los Angeles, CA, 63(5), pp. 329–336. doi: 10.1177/0706743717737029.

UNAIDS (2015) *UNAIDS Strategy 2016-2021 to end AIDS epidemic by 2030*.

UNAIDS (2018a) *Fact sheet - World AIDS day 2018: Global HIV statistics*. Available at: <http://www.unaids.org/en/resources/fact-sheet> (Accessed: 3 April 2019).

UNAIDS (2018b) *HIV/AIDS estimates: India, 2017*. Available at: <http://www.unaids.org/en/regionscountries/countries/india>.

UNAIDS (2018c) *The Global HIV / AIDS Epidemic, UNAIDS*. Available at: <https://www.hiv.gov/hiv-basics/overview/data-and-trends/global-statistics> (Accessed: 25 August 2017).

- Uppal, S. S., Verma, S. and Dhot, P. S. (2003) 'Normal values of CD4 and CD8 lymphocyte subsets in healthy Indian adults and the effects of sex, age, ethnicity, and smoking', *Cytometry*. John Wiley & Sons, Ltd, 52B(1), pp. 32–36. doi: 10.1002/cyto.b.10011.
- Vadiraja, H. S., Rao, M. R., Nagarathna, R., Nagendra, H. R., Rekha, M., Vanitha, N., Gopinath, K. S., Srinath, B. S., Vishweshwara, M. S., Madhavi, Y. S., Ajaikumar, B. S., Bilimagga, S. R. and Rao, N. (2009) 'Effects of yoga program on quality of life and affect in early breast cancer patients undergoing adjuvant radiotherapy: A randomized controlled trial', *Complementary Therapies in Medicine*. Churchill Livingstone, 17(5–6), pp. 274–280. doi: 10.1016/J.CTIM.2009.06.004.
- Vajpayee, M., Negi, N. and Kurapati, S. (2013) 'The enduring tale of T cells in HIV immunopathogenesis.', *The Indian journal of medical research*. Wolters Kluwer -- Medknow Publications, 138(5), pp. 682–99.
- Verma, C. V., Kamble, A. and Krishnan, V. (2018) 'HIV-Positive Individuals: Exercise, Yoga and Quality of Life', *International STD Research & Reviews*, 7(3), pp. 1–7. doi: 10.9734/ISRR/2018/42404.
- Vivekananda, S. (2013) 'Lessons on Raja yoga', in *Complete Works of Swami Vivekananda Vol.6*. Advaita Ashram, Belur.
- Vranda, M. and Mothi, S. (2013) 'Psychosocial issues of children infected with HIV/AIDS', *Indian Journal of Psychological Medicine*, 35(1), p. 19. doi: 10.4103/0253-7176.112195.
- Vyboh, K., Jenabian, M., ... V. M.-J. of immunology and 2015, undefined (no date) 'HIV and the gut microbiota, partners in crime: breaking the vicious cycle to unearth new therapeutic targets', *hindawi.com*.
- Willen, E. (2006) 'Neurocognitive outcomes in pediatric HIV', *Mental Retardation and Developmental Disabilities Research Review*, 12(3), pp. 223–228. doi: <https://doi.org/10.1002/mrdd.20112>.
- Yadav, S. K., Gupta, R. K., Hashem, S., Bhat, A. A., Garg, R. K., Venkatesh, V., Gupta, P. K., Singh, A. K., Chaturvedi, S., Ahmed, S. N., Azeem, M. W. and Haris, M. (2018) 'Changes in resting-state functional brain activity are associated with waning cognitive functions in HIV-infected children', *NeuroImage: Clinical*. Elsevier, 20, pp. 1204–1210. doi: 10.1016/J.NICL.2018.10.028.